

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 125  | nickel same microarray   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/08/22 14:15 |
| L2    | 42   | I1 same (advantage or benefit or better or increas\$3 or enhanc\$4)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/22 14:16 |
| L3    | 33   | I1 same (advantage or benefit or better or increas\$3 or enhanc\$4) same substrate         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/22 14:16 |
| L4    | 1270 | nickel near20 substrate near20 (advantage or benefit or better or increas\$3 or enhanc\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/08/22 14:19 |
| L5    | 8842 | (435/7.1,7.2,7.91).CQLS.   | USPAT;<br>EPO  | OR               | OFF     | 2008/08/22 14:19 |
| L6    | 4236 | (436/516,518).CQLS.  | USPAT;<br>EPO  | OR               | OFF     | 2008/08/22 14:19 |
| L7    | 1    | I4 and I5 and I6   | USPAT;<br>EPO  | OR               | OFF     | 2008/08/22 14:20 |
| L8    | 28   | I4 same sensor   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/08/22 14:20 |
| L9    | 1442 | (CoTaZr or (Cobalt near3 tantalum near3 zirconium))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/08/22 14:28 |

## EAST Search History

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|-----|------|---|--|----|-----|------------------|
| L10 | 2    | I9 near20 substrate near20 (advantage or benefit or better or increas\$3 or enhanc\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/22 14:28 |
| L11 | 21   | I9 near20 (advantage or benefit or better or increas\$3 or enhanc\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/22 14:37 |
| L12 | 18   | I9 same (sensor or layer) same (biological or protein or DNA or RNA or antibody or fragment or cell or tissue)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/22 14:52 |
| L13 | 1059 | (CoTaZr or (Cobalt near2 tantalum near2 zirconium) or (Co-Ta-Zr) or (cobalt-Tantalum-zirconium))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/22 14:54 |
| L14 | 10   | I13 same (sensor or layer) same (biological or protein or DNA or RNA or antibody or fragment or cell or tissue)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/22 14:54 |
| L15 | 25   | I13 same (sensor or layer or microtiter or microdevice or micrarray) same (biological or protein or DNA or RNA or antibody or fragment or cell or tissue or immunologi\$3 or detect\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/22 14:55 |
| L16 | 1824 | (CoTaZr or (Cobalt near3 tantalum near3 zirconium) or CoZrTa or ZrTaCo or TaCoZr)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/22 15:00 |

## EAST Search History

|     |   |   |  |    |    |                  |
|-----|---|---|--|----|----|------------------|
| L17 | 4 | I16 same (sensor or layer) same (biological or protein or DNA or RNA or antibody or fragment or tissue) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22 15:00 |
|-----|---|---|--|----|----|------------------|